

	1604170	5
REF.	DISTANCE	DESCRIPTION
1.	25.99'	Boat spike W 18" hackberry 4"up
2.	23.30	MCSO capped rebar
3.	8.72'	Boot spike F 10" tree of heaven 18"up
4.	3.80'	Boot spike N 8" tree of heaven 6"up

The center of Section 17-16-4 had previously been re-established by this office in surveys of 1979. The corner was established by intersecting lines from opposite quarter corners.

In March of 2006 this office was asked to survey the west right of way of Tacoma Avenue in the southwest quarter of 17-16-4. An ALTA survey of an adjoiner used the center of record, and not a more documented 1/16 corner between the center and west quarter, resulting in a discrepancy in locating an east-west line of the tract. While this discrepancy had no impact on our survey it did bring to light a problem with using the published center of section, and a more established by plat and supporting plat boundary stone(s) for the 1/16 corner.

George Schmidt surveyed and platted various subdivisions in 17-16-4, one, Hammond Estates (PB 20 pg.26) uses the 1/16 corner stone at 42nd street, and the angle from the stone recovered in Sutherland Avenue to indicate direction and distance to the center of section.

Using these two monuments (the $1/16^{th}$ corner and the point in Sutherland Avenue) a stakeout was calculated for Schmidt's center of section. A stone was found 12 feet +/- west of what would have been Schmidt's center. The stone was set vertical, was three sided, and had what could be called an 'x' shaped notch on its high point.

If one holds the west quarter, and the $1/16^{th}$ corner to its east as line, and doubles the distance over it produces a point 1.3 feet +/- east and 4.2' north of the stone.

If the same approach is taken from the east quarter through the $1/16^{th}$ corner west of the east quarter it produces 2.0' East and 6.8' south of the stone.

Interestingly the distances from the $1/16^{th}$ corners very nearly meet just east of the stone (1.5'+/-) however by bearings projected toward the center they diverge by 11 feet +/- with the west line running 4.2'+/- north, and from the east 6.8'+/- south of the stone.

Relying on George Schmidt's plat of Hammond Estates, the two recovered monuments of Hammonds Estates perimeter, this office is now accepting the stone found but not called for in Schmidt's plat of Hammond Estates as the center of section for 17-16-4.

It is known that the stone is not at the intersection of lines drawn from opposite corners, and furthermore it is known that the $1/16^{th}$ corner west and east of the center are not on a straight line from the center (stone) to corresponding Quarter corners.